

Selected Papers of Simona Rolli

1. S.Rolli, D.Ryan, H.Sun "Searches for second generation Leptoquarks at CDF Run II " CDF/ANAL/EXOTIC/PUBLIC/7216
2. S.Rolli "[Searches for first generation Leptoquarks at CDF Run II](#) " CDF/PUB/EXOTIC/PUBLIC/7181
3. S. Rolli "Recent results on searches for new physics at the TeVatron" FERMILAB-CONF-04/151-E, invited talk given at "Incontri Sulla Fisica Delle Alte Energie" Torino, April 2004, to be published in the proceeding.
4. S. Rolli [Searches for new particles at CDF II](#) - invited talk at XXXVIIth RENCONTRES DE MORIOND, Les Arcs, March 15-22 2003, [hep-ph/0305027](#) Published in the Proceeding
5. G. Moortgat-Pick, S. Rolli, A.F. Zarnecki, Physics at large p_T^2 and Q^2 : Summary. Acta Phys. Polon.B33: 3955-3981, 2002, [hep-ph/0210368](#)
6. S. Rolli, [The status of the CDFII experiment](#) Invited talk given at 16th Les Rencontres de Physique de la Valle d'Aoste: Results and Perspectives in Particle Physics, La Thuile, Valle d'Aoste, Italy, 9 March 3 - 9 Mar 2001 FERMILAB-CONF-02-154-E (Aug 2002), published in the proceeding.
7. [Distributed applications monitoring at system and network level](#). By MONARC Collaboration, Comput.Phys.Commun.140: 219-225,2001.
8. S. Rolli, [Searches for new phenomena at the Tevatron: SUSY and technicolor](#). Invited talk given at 13th Les Rencontres de Physique de la Valle d'Aoste: Results and Perspectives in Particle Physics, La Thuile, Valle d'Aoste, Italy, 28 Feb- 6 Mar 1999, published in the proceeding.
9. S. Rolli et al., [Trigger Simulation at CDF](#) Published in Proceeding of [CHEP 2000, INFN Padova, p250](#)
10. [Observation of Orbitally Excited B Mesons in ppbar Collisions at \$s = 1.8 \text{ TeV}\$](#) . By CDF Collaboration. Published in Phys.Rev.D64: 072002,2001
11. [Search for the charged Higgs boson in the decays of top quark pairs in the e- \$\square\$ and \$\square-\square\$ channels at \$s = 1.8\text{-TeV}\$](#) . By CDF Collaboration. Published in Phys.Rev.D62:012004,2000
12. S. Rolli et al., [Atlas event data model optimization studies based on the use of segmented VArray in Objectivity/DB](#). - Published in Proceeding of [CHEP 2000, INFN Padova, p436](#)
13. [Measurement of the top quark mass and t anti-t production cross-section from dilepton events at the collider detector at Fermilab](#). By CDF Collaboration. Published in Phys.Rev.Lett.80: 2779-2784,1998
14. [The \$\square-\square\$ and e- \$\square\$ decays of top quark pairs produced in p anti-p collisions at \$s = 1.8 \text{ TeV}\$](#) . By CDF Collaboration. Published in Phys.Rev.Lett.79: 3585-3590,1997
15. S. Rolli, PRODUCTION OF WBB PLUS JETS, internal (not restricted) CDF note: CDF/DOC/MONTECARLO/CDFR/3321
16. S. Rolli, OSSTTG: HARD GLUON RADIATION IN HERWIG TOP PRODUCTION, internal (not restricted) CDF note: CDF/DOC/MONTECARLO/CDFR/3595
17. M. Cacciari, M. Greco, S. Rolli, A. Tanzini, [Charmed mesons fragmentation functions](#). Phys.Rev.D55: 2736-2740,1997

18. S. Rolli, [Fragmentation functions approach in pQCD fragmentation phenomena](#). Talk given at 31st Rencontres de Moriond: QCD and High-Energy Hadronic Interactions, Les Arcs, France, 23-30 Mar 1996. Published in *Les Arcs 1996, QCD and high energy hadronic interactions* 249-253.
19. S. Rolli [Top mass measurement at CDF](#). Invited talk at 11th Topical Workshop on Proton-Antiproton Collider Physics (PBARP 96), Padua, Abano Terme, Italy, 26 May - 1 June 1996. Published in *Padua 1996, Hadron collider physics* 449-461.
20. S. Rolli, [Light meson fragmentation functions](#). Published in *Minneapolis 1996, Particles and fields, vol. 1* 599-602.
21. Mario Greco and Simona Rolli, [Light mesons production at the tevatron to next-to-leading order](#). Phys.Rev.D52: 3853-3861,1995
22. M. Greco, S. Rolli, A. Vicini, [Inclusive particle photoproduction to next-to-leading order](#). Z.Phys.C65: 277-284,1995
23. S. Rolli et al, [Kinematical probes of neutrino mass](#). Published in Snowmass Summer Study 1994:0195-214 (QB461:D2:1995)
24. S. Rolli "Transizioni di fase nel primo universo" , [Scientifica Acta, I Quaderni del Dottorato](#) , Pavia, Volume IX, N 2, page 77, 1994
25. M. Greco, S. Rolli. [Next-to-leading order eta production at hadron colliders](#). Z.Phys.C60: 169-174,1993
26. P. Chiappetta, M. Greco, J.P. Guillet, S. Rolli, M. Werlen, [Next-to-leading order determination of pion fragmentation functions](#). Dec 1992. Published in Nucl.Phys.B412: 3-38,1994